

The 2nd IAMU LNG Round Table

30th & 31st May, 2006

U.S. Energy Association Office, Ronald Reagan Building, Washington, D.C., U.S.A.

Theme: Ensuring the Safety and Security of LNG

What the international community can and should do to increase the number of mariners who are capable of serving in the growing LNG fleet

[Day -1: Tuesday, May 30, 2006]

Opening remarks

- 13:30** *R. Adm. Leonard Tyler*, Chair, IAMU (President, Maine Maritime Academy)
Captain Lorne Thomas, Chief, Office of Operating and Environmental Standards, USCG
Mr. David Sweet, Director – Special Projects, US Energy Association

Keynote speech

- 14:00** *Ms. Karen Harbert*, Assistant Secretary for Policy and International Affairs, U.S. Department of Energy
Mr. Jim Slutz, Deputy Assistant Secretary, Oil & Gas

Part 1 Overview: Ocean Transportation of LNG and the National Energy Security of LNG Importing Countries

Session 1 Maritime Policy of the Major LNG Importing Countries

- 14:30** (1) **Japan:** A sign of U-turn to Japanese flag ships?
- *Dr. Hisashi Yamamoto*, Secretary, IAMU
(2) **Korea:** “Inevitable National Fleet”
- *Prof. Dr. Capt. Byeon-Deok Yea*, Master Mariner , KMU

15:15 *Coffee Break*

Session 2 International Environment

- 15:30** **Exporter’s Viewpoint on the LNG Supply Chain**
- *Mr. Bret Mattes*, Vice President, Australia/Asia, BHP Billiton Gas & Power
IMO Update: Discussions at MSC81 and other related matters
- *Lt. Cmdr. Derek D’Orazio*, Division Chief, Maritime Personnels Division, Office of Operating and Environmental Standards, U.S.C.G.

16:45 **Reception:** “Aria” restaurant in the Ronal Reagan Building

[Day-2: Wednesday, May 31, 2006]

Session 3 Ship Security - Current awareness and effort

09:00

- (1) **Recent development including Coast Guard and Maritime Transportation Act of 2006**
 - **Mr. Bruce Carlton**, Associate Administrator for Policy and International Trade, MARAD, Department of Transportation
- (2) **Risk Analysis and Assessment for LNG tankers**
 - **Dr. Susumu Ota**, Senior Research Engineer of Navigation and System Engineering Department, National Maritime Research Institute
- (3) **Security and Maritime Education and Training at Maritime Academy – A case of California Maritime Academy**
 - ① **Capt. Bruce Clark**, Director, CMA Training Center; USCG Officer (ret)
 - ② **Assoc. Prof. Dr. Donna Nincic**

Session 4 The Supply and Demand Assessment of LNG qualified seafarers

10:20

The latest information on the world LNG fleet :

- (1) World LNG fleet - serving and on order:
 - (a) Delivery year
 - (b) numbers
 - (c) containment system
 - (d) main propulsion system
 - (e) shipyard
 - (f) flag
 - (g) class
 - (h) beneficiary owners
 - (2) World LNG seafarers – an latest estimate
 - (3) World LNG instructors – an latest estimate
 - (4) World LNG training courses – an latest estimate
 - (5) World LNG on-board-training capacities – an latest estimate
- Professors of Korea Maritime University and Secretary of IAMU**

11:00

Coffee Break

Part 2 Increasing the supply capacity of LNG qualified seafarers through international collaboration

Session 5 The Key Resources for MET of LNG qualified seafarers

11:20

Key resources and their locations:

- (1) Human resources: (a) Instructors, (b) Students
- (2) Facilities:
- (3) Equipments:
- (4) Teaching materials
- (5) Teaching methods and experience
- (6) Assessment and examination
- (7) Certification
- (8) Revalidation
- (9) Quality control and audit by the third party
- (10) Financial resources

- (11) The responsible party for the final product (i.e. LNG seafarers)
- *Professors of Korea Maritime University and Secretary of IAMU*
- 12:00** **A viewpoint of Class Society on the LNG human resources**
- *Mr. William Sember, Vice President-Energy Development*
American Bureau of Shipping (ABS) (TBC)
- 12:30** *Lunch*
- Session 6* **Legal Consideration on International Collaboration**
- 13:30** **The inclusion of LNG carrier training in the STCW Convention and its implication to MET of qualified LNG seafarers at maritime academies**
- *Prof. Dr. Capt. Byeon-Deok Yea, Master Mariner, Korea Maritime University*
- 14:15** **A considerations on the boundaries and possibilities for the international maritime community in increasing LNG qualified seafarers**
- *Prof. Dr. Capt. Byeon-Deok Yea, Master Mariner, Korea Maritime University*
- 15:00** *Coffee Break*
- Session 7* **Practical Action Plans and Timetables**
- 15:30** **Administrations, Industry, IAMU, and people: Logical division of responsibilities and burdens**

- *Plenary discussion*
- 16:00** **Practical Action Plans and Timetables**

- *Plenary discussion*
- 16:40** **Conclusion**
- 17:00** **Closing of the 2nd Round Table**

[Note] The Round Table will be chaired and co-chaired by:

Chairman: Dr. Hisashi Yamamoto, Secretary, IAMU

Co-Chairman: Mr. Bret Mattes, Vice President, Australia/Asia,
BHP Billiton Gas & Power

Co-Chairman: Mr. William Sember, Vice President, Energy Development, ABS
(TBC)

Co-Chairman: Prof. Dr. Capt. Byeon-Deok Yea, Master Mariner, College of
Maritime Sciences, Korea Maritime University